

Name:

Date:

### CORNELL NOTETAKING

#### Key Words

-Use wheel for transportation

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-Improve the pottery making process

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-Produce copper in quantities large enough to make weapons and tools.

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-Irrigate Fields

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-Developed engineering skills

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-Study of the stars

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-Develop an efficient number system.

#### Main Ideas/Supporting Ideas

- Used in Mesopotamia c. 3250
  - Possible first use to make pottery
  - Used for easier movement of carts, war chariots, plough
  - used animals like donkey or oxen to pull
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- used a kiln; An enclosed oven used to make bricks and pottery
  - kiln could reach high temperatures
  - high temp. allowed for harder bricks and pottery vs. sun dried.
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- Tin + Copper= bronze bronze =stronger weapons
  - Bronze tools were stronger than copper alone
  - bronze tools assisted in the manufacturing of bigger and stronger boats
  - better transportation allowed for trading to far away countries
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- Used to carry water by hand
  - Upgraded to canals that carried water from the river to the crop
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- Used math to construct large temples and complex structures
  - Based their number system on 60
  - System is used today to tell time and measure angles.
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- Priests judged the best time to plant\harvest crops.
  - made a calendar with 12 months and a month had 30 days
  - the calendar had two seasons winter and summer.
  - the calendar was based on the moon.
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- Sumerians made a system that separated pictograph of item and the amount for businesses (recorded on tablets)

#### Connections and Reflections (Summary)

The Sumerians were the first culture to use the wheel and improve their pottery making with a kiln. They also mixed copper and tin to make bronze so they could make stronger tools. They also used canals to irrigate fields, their priests made a calendar that consisted of 12 months. They developed engineering skills that helped them build large temples and made an efficient numbering system that helped them record a multitude of different things.